



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Black Mountain Door, LLC
310 Flint Drive,
MT. Sterling, KY. 40353

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Firedoor Series "HR" Single Outswing Opaque Steel Door w/wo reinforced Mullion

APPROVAL DOCUMENT: Drawing No. **W04-31 Rev E**, titled "Firedoor series 8080F-HR" Out-Swing STL. ENT. DR.", sheet 1 through 5 of 5, dated 04-05-04 and last revised on MAR 22, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation:

1. This approval is limited to outswing single door application only.
2. Intermediate Frame mullion item #2, when used must be reinforced with steel channel item #12.
3. Door w/ Zero Int'l. threshold **65-A** (item #10) is not rated for water infiltration resistance.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **09-0923.09** (Former **FireDoor by Amweld International, LLC**) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY
APPROVED

NOA No 12-0323.05
Expiration Date: June 15, 2015
Approval Date: July 19, 2012
Page 1

7/12/12

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **09-0923.09**)
2. Drawing No. **W04-31 Rev E**, titled "Firedoor series 8080F-HR" Out-Swing STL. ENT. DR.", sheet 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 04-05-04 and last revised on MAR 22, 2012 signed and sealed by Javad Ahmad, P.E.

Note: This revision consists of FBC 2010 notes & company name change only.

B. TESTS (transferred from file # **09-0923.09)**

1. Test reports on
 - 1) Air Infiltration Test, per FBC TAS 202-94
 - 2) Uniform Static Air Pressure Test Loading per FBCTAS 202-94
 - 3) Water Resistance Test, per FBC TAS 202-94
 - 4) Forced Entry Resistance Test, per FBC TAS 202-94
 - 5) Large Missile Impact Test, FBC TAS 201-94
 - 6) Cyclic Loading Test, per FBC TAS 203-94

Along with installation diagram of single outswing steel doors marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. **FTL 4038 (FTL0403)**, dated 12/13/01, signed and sealed by Edmundo Largaespada, P.E. (Note: This test report has been revised by addendum letter dated March 02, 2005, issued by Fenestration Testing Laboratories, Inc., signed & sealed by Edmundo Largaespada, P.E.

C. CALCULATIONS

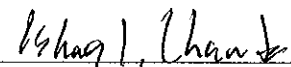
1. Anchor verification dated June 24, 2009 and last revised on March 10, 2010, prepared by Al-Farooq Corporation, complying w/ FBC 2007, signed and sealed by Javad Ahmad, P.E. (submitted under file # **09-0923.09**).

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Tensile test report prepared by Fenestration Testing Laboratories Inc., report No. FTL04033 (4038-A), dated July 22, 2004 for Steel samples, tested per ASTM E-A370-97-a, signed and sealed by Edmundo Largaespada, P.E.
2. Notice of Acceptance No. **11-0926.07** issued to Dyplast Product, LLC (Former Apache Products Company) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/17



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 12-0323.05

Expiration Date: June 15, 2015

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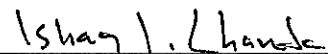
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

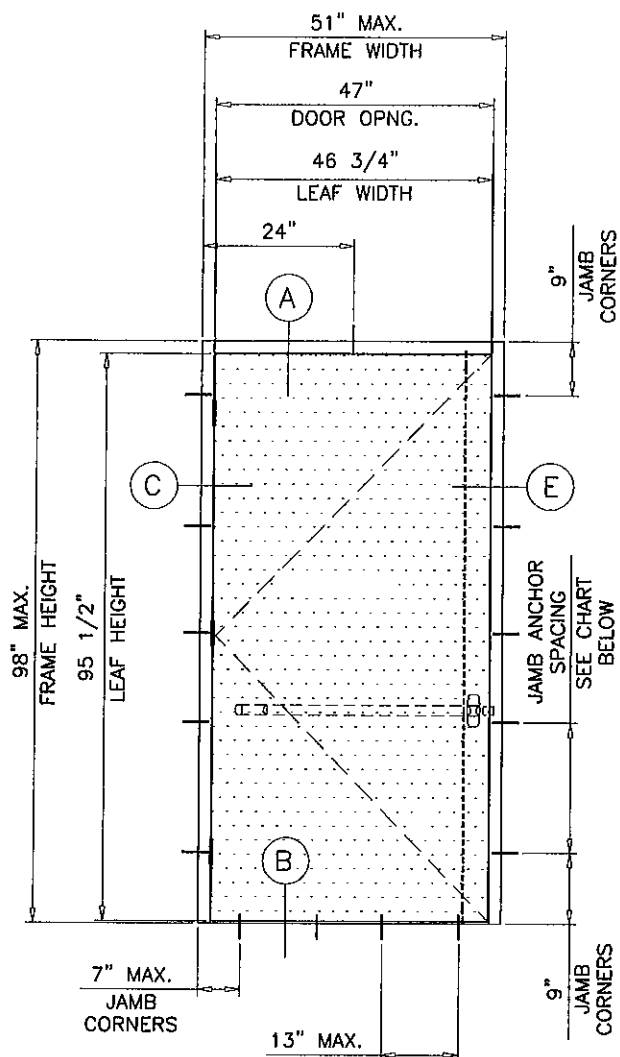
1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 03/14/12, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of compliance, as part of above referenced test report, issued by Fenestration testing laboratory.
3. Official "Black Mountain Door" press release dated June 21, 2012 stating acquiring the assets, technology, "Firedoor"™ brand and intellectual properties of Amweld International.
4. Statement letter dated May 08, 2012 stating acquiring all the assets of Amweld international, issued by Black Mountain door, signed by Jason W. Lisewski, V.P. Black Mountain Door.
5. Statement letter dated January 26, 2012 issued by Amweld International, LLC of notification of the assets of Amweld International was purchased by American Doors, LLC DBA Black Mountain Door, Mt. Sterling, KY, signed by David Earnshaw, trustee for Amweld International.
6. Copy of certificate of formation of "American Doors, LLC" issued by State of Delaware dated 10-11-11, signed by Jeffery W. Bullock, Secretary of State.
7. Copy of certificate of Amendment of "American Doors, LLC" changing name to "Black Mountain Door, LLC", issued by State of Delaware dated 06-20-12, signed by Jeffery W. Bullock, Secretary of State.

G. OTHER

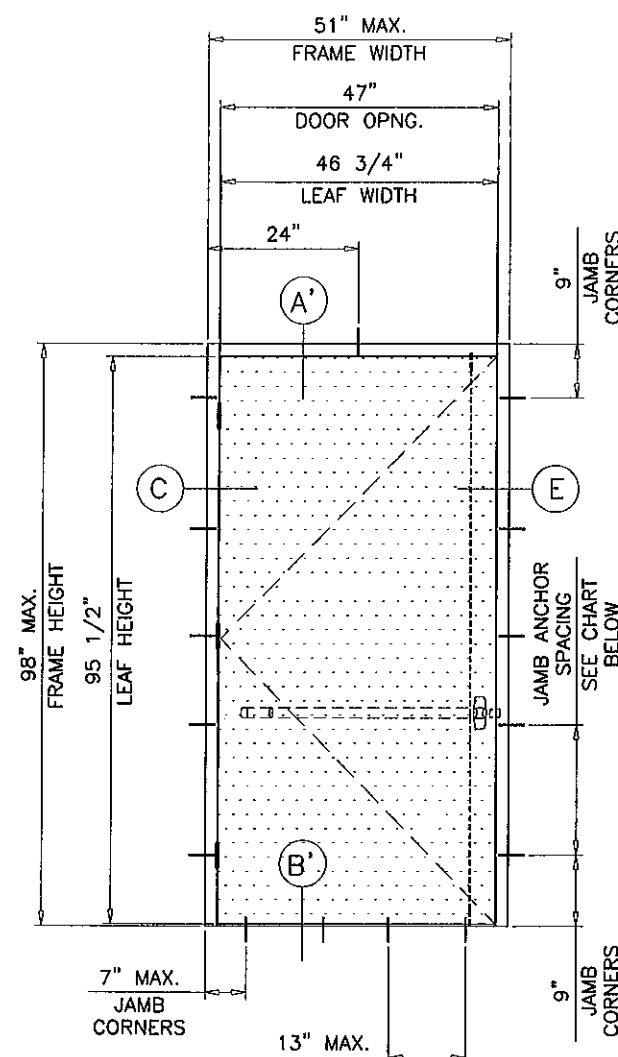
1. This NOA **revises** NOA # **09-0923.09** (Former **FireDoor by Amweld International, LLC**), expiring on June 15, 2015.
2. Test proposal by Al-Farooq Corp, approved by BCCO dated 06/20/2003.
3. E-mail response dated July 10 & 11, 2012 & documents from Mr. J. Lisewski, V.P. Black Mountain Door.



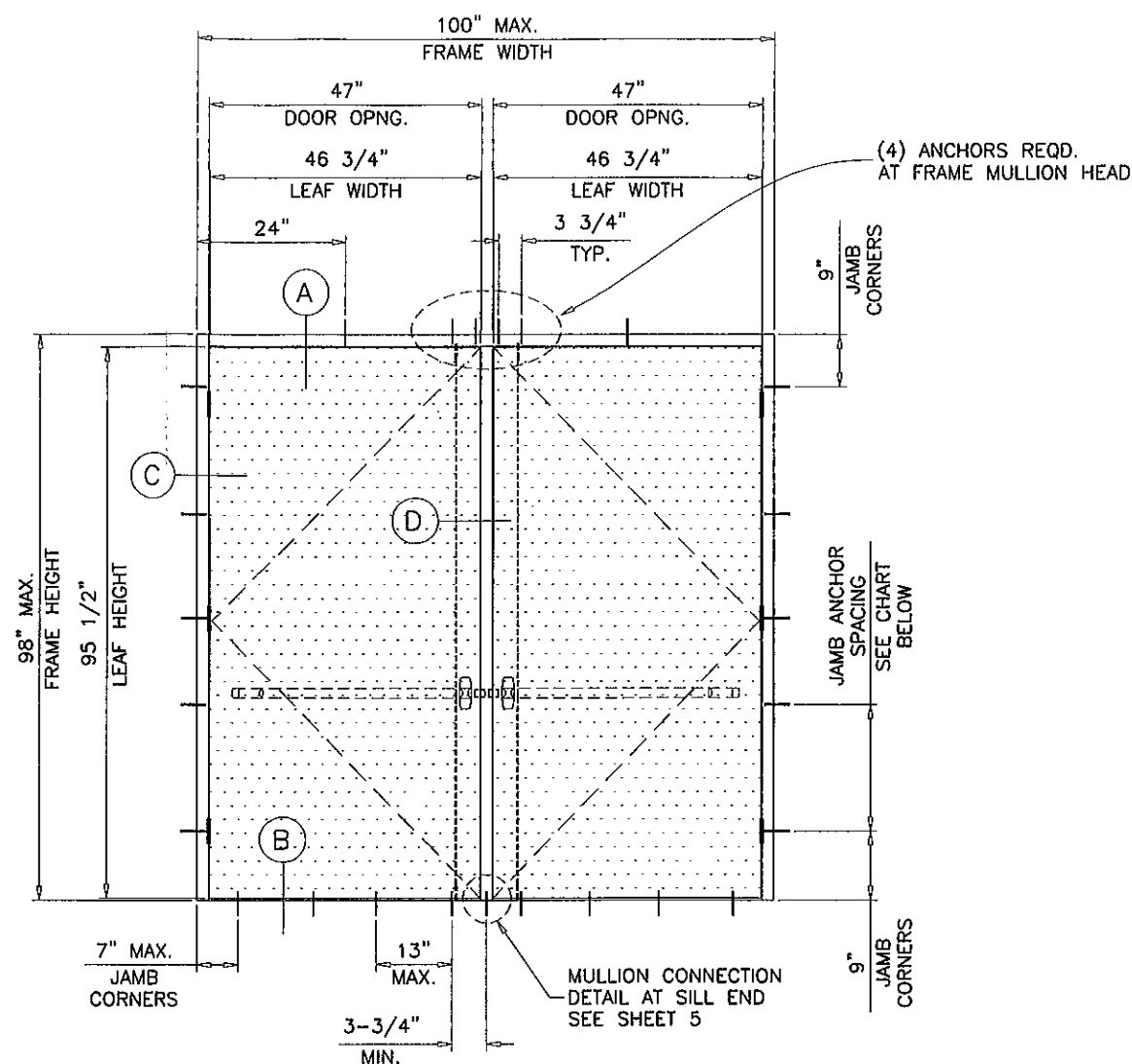
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0323.05
Expiration Date: June 15, 2015
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SINGLE DOOR
3 POINT PANIC DEVICE WITH
CONCEALED VERTICAL RODS



SINGLE DOOR
3 POINT PANIC DEVICE WITH
SURFACE VERTICAL RODS



(2) SINGLE DOOR WITH INTERMEDIATE MULLION
3 POINT PANIC DEVICE WITH
CONCEALED VERTICAL RODS OR
SURFACE VERTICAL RODS

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

FIREDOOR SERIES-8080F
SINGLE OUT-SWING STEEL ENTRANCE DOOR

THIS APPROVAL IS FOR SINGLE DOOR APPLICATION ONLY.

DOORS (WITH 2051AV THRESHOLD) ARE APPROVED FOR INSTALLATIONS
WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

DOORS (WITH 65A THRESHOLD) ARE NOT APPROVED FOR INSTALLATIONS
WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE
NOT PART OF THIS APPROVAL.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

TYPICAL ELEVATIONS

DESIGN LOAD CAPACITY - PSF				
JAMB ANCHORS SCHEDULE				
FRAME HEIGHT	DOOR OPNG.	@ 25-1/2" O.C.		@ 20" O.C.
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
98"	30"	114.0	114.0	
	36"	114.0	114.0	
	42"	114.0	114.0	
	47"	109.8	114.0	

DOORS (WITH 2051AV THRESHOLD) ARE APPROVED FOR INSTALLATIONS
WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

DOORS (WITH 65A THRESHOLD) ARE NOT APPROVED FOR INSTALLATIONS
WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

MAR 22 2012

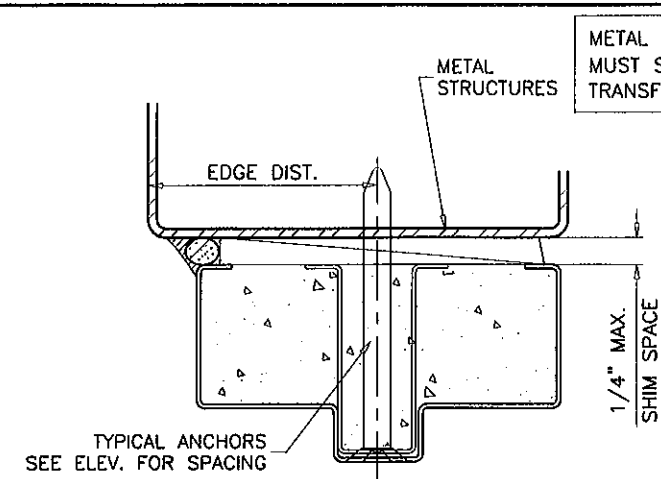
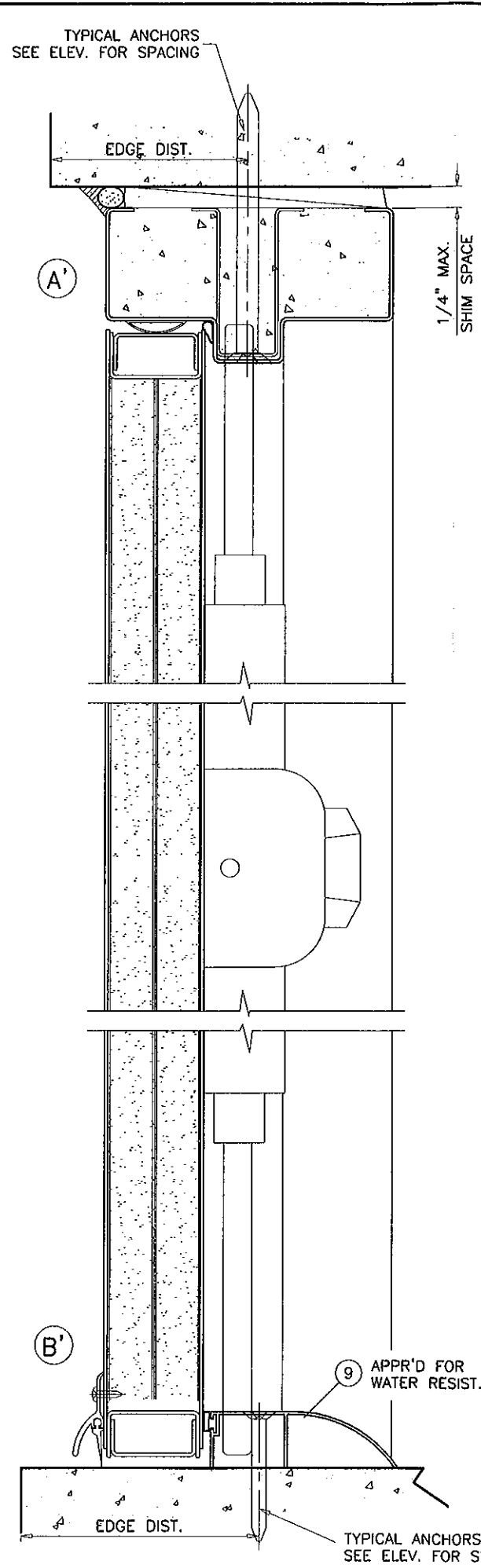
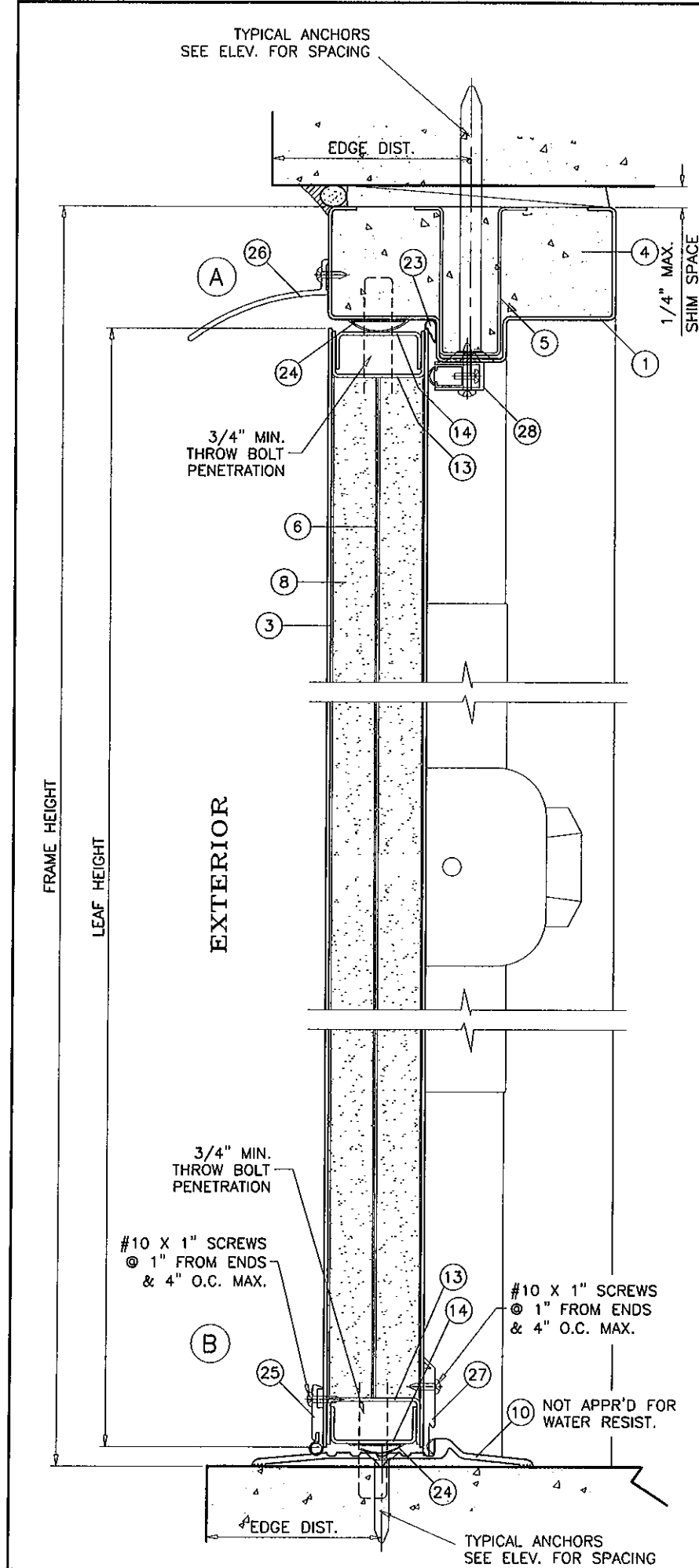
PRODUCT REVISION
as complying with the Florida
Building Code
Assignment No. 12-0323-05
Expiration Date: JUNE 15, 2015
By: Shahid I. Chaudhry
Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W04-31FDC

DATE: 04-05-04
SCALE: 3/8"=1'-0"
DR. BY: HAMID
CHK. BY:

FIREDOOR SERIES-8080F-HR OUT-SWING STL. ENT. DR.
BLACK MOUNTAIN DOOR, LLC.
310 FLINT DRIVE
MT. STERLING, KY 40353
TEL (855) 370-4580 FAX (859) 762-0852

drawing no.
W04-31
sheet 1 of 5



METAL STRUCTURES NOT BY BLACK MOUNTAIN DOOR
MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS @ HEAD/JAMB: SEE ELEV./CHART FOR SPACING
(USING PIPE OR HAT CLIP)

3/8" DIA. CARBON STEEL HLC SLEEVE ANCHOR BY 'HILTI'
DIRECTLY INTO CONC. OR MASONRY
1-5/8" MIN. EMBED INTO CONC. OR MASONRY
3-1/2" MIN. EDGE DISTANCE INTO CONC.
4" MIN. EDGE DISTANCE INTO MASONRY
ANCHORS CL TO CL SPACING = 3-3/4" MIN. (MULLION HEAD)

3/8" DIA. SMS OR MACHINE BOLTS (GRADE 2 CRS)
INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)
ANCHORS CL TO CL SPACING = 1" MIN. (MULLION HEAD)
STEEL : Fy = 36 KSI MIN.
ALUMINUM : 6063-T5 MIN.
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL ANCHORS @ THRESHOLD:

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1-1/2" MIN. EMBED INTO CONC.
2-1/2" MIN. EDGE DISTANCE

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0323-05
Expiration Date 6/15/15
Ishag S. Chaudhry
Black Mountain Door, LLC

MULLION ANCHORS @ SILL:

(2) 3/8" DIA. CARBON STEEL KWIK BOLT 3 EXPANSION ANCHOR BY 'HILTI'
DIRECTLY INTO CONCRETE
1-5/8" MIN. EMBED INTO CONCRETE
4" MIN. EDGE DISTANCE
ANCHORS CL TO CL SPACING = 3-3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 FILLED MASONRY BLOCK AT JAMBS f'm = 2000 PSI MIN.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
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J.A.
MAR 22 2012

AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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af c
COMP-ANL\W04-31FDC

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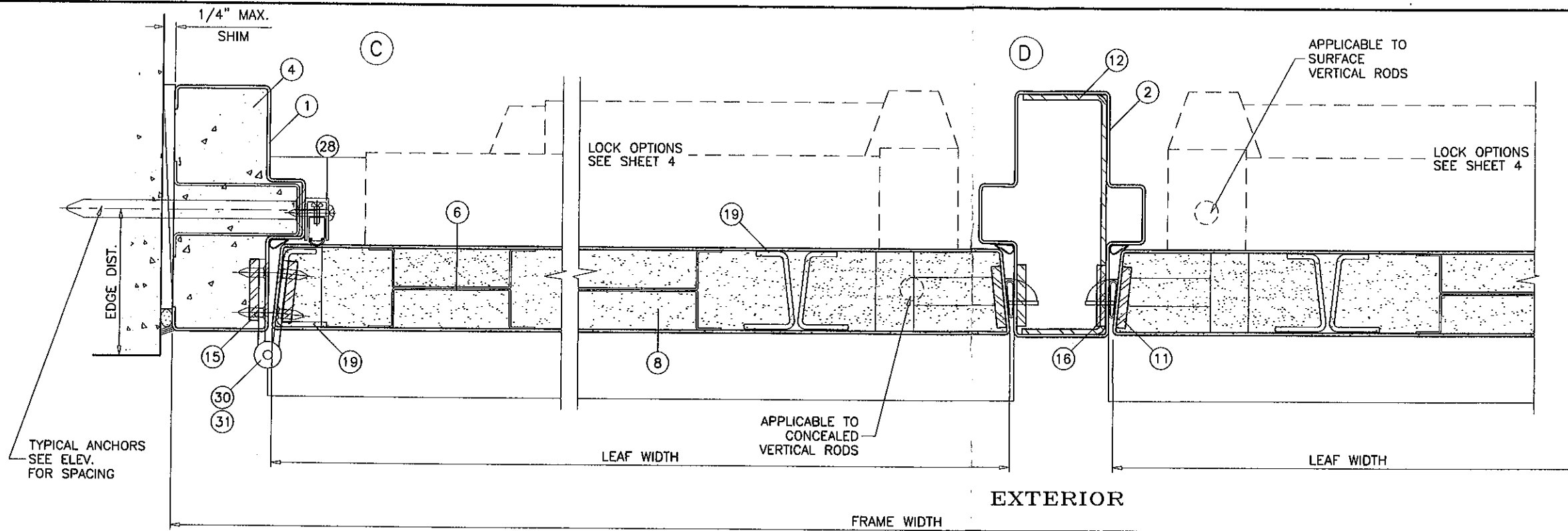
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scale: 3/8" = 1"
dr. by: HAMID
chk. by:

no	date	description	by
F	10.20.09	NO CHANGE THIS SHEET	
G	02.17.10	REV. PER BOCO COMMENTS	
H	05.19.10	REV. PER BOCO COMMENTS	
I	03.15.12	UPDATED TO 2010 FBC	

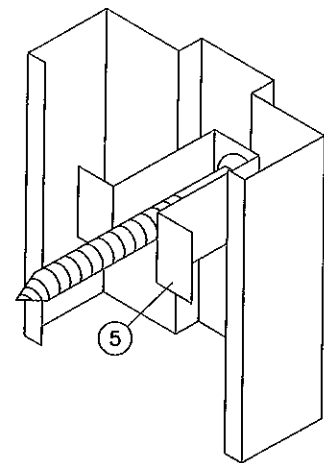
drawing no.
W04-31

sheet 2 of 5

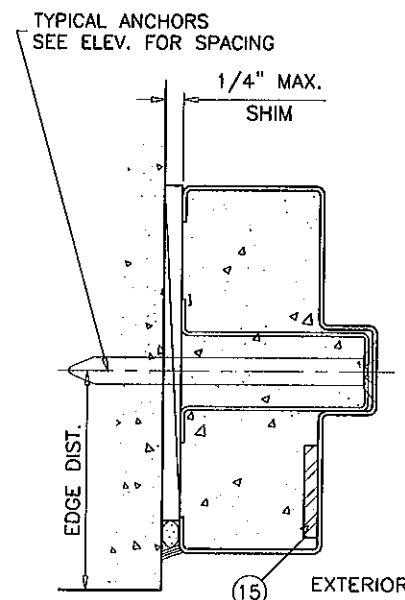
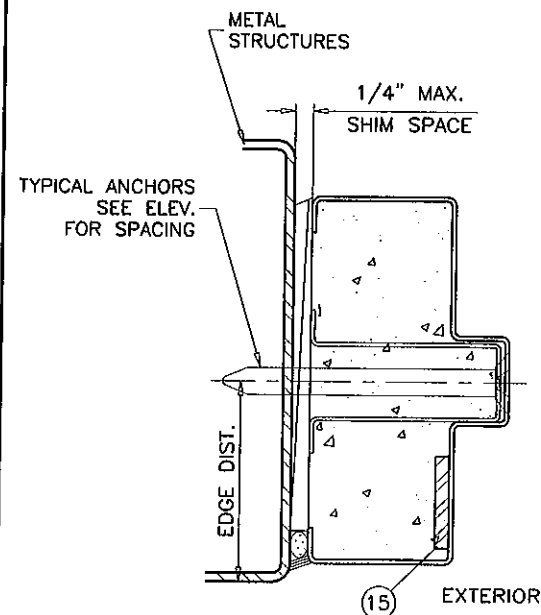
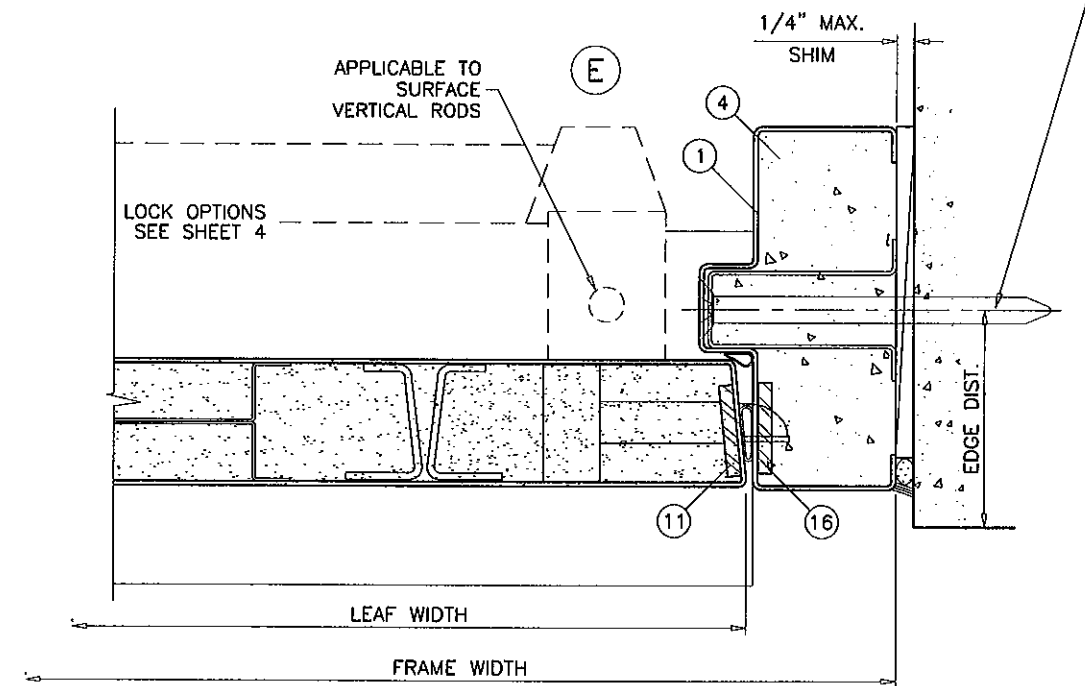
revisions:



EXTERIOR



ALL JAMBS TO BE GROUT FILLED



PRODUCT REVIEWED
in compliance with the Florida
Building Code
Assessment No. 12-0323-05
Expiration Date 6/15/15
By: Javad Ahmad
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
MAR 23 2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W04-31FDC

FIREDOOR SERIES-8080F-HR OUT-SWING STL ENT. DR.
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MT. STERLING, KY 40353
TEL. (855) 370-4580 FAX. (859) 762-0852

COMP-ANL\W04-31FDC

revisions:		no	date	by	description
F	10.20.09				NO CHANGE THIS SHEET
G	02.17.10				REV. PER BCCO COMMENTS
H	05.19.10				REV. PER BCCO COMMENTS
I	03.15.12				UPDATED TO 2010 FBC

date: 04-05-04	scale: 3/8" = 1"	dr. by: HAMID	chk. by:	
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drawing no.
W04-31

sheet 3 of 5

HINGE OPTIONS:

OPTION #1:

Z 955 STAINLESS STEEL CAM LIFT HINGE
AT 7-1/4" TO 9-3/4" FROM TOP TO CL OF HINGE
AT 7-1/4" TO 12-5/8" FROM BOTTOM TO CL OF HINGE
(1) CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE

OPTION #2:

STEEL MORTISE HINGE 1279
AT 7-1/4" TO 9-3/4" FROM TOP TO CL OF HINGE
AT 12-1/4" TO 14-3/8" FROM BOTTOM TO CL OF HINGE
(1) CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE

LOCK OPTIONS:

OPTION #1:

THREE POINT LOCK SYSTEM WITH PANIC EXIT DEVICE
AT 38" TO 40-3/8" FROM BOTTOM TO CL OF PANIC DEVICE.
'SECURITECH' 84T44-GGCF-IHD-VC-630
SURFACE MOUNT LEVER TYPE HANDLE

4-7/8" LONG METALLIC STRIKE PLATES AT 38" TO 40-3/8"
FROM BOTTOM.

OPTION #2:

THREE POINT LOCK SYSTEM WITH VERTICAL ROD PANIC EXIT DEVICE
AT 38" TO 40-3/8" FROM BOTTOM TO CL OF LOCK FACE.
'SECURITECH' 82T44-GGCF-SBO-HD-VC-630
SURFACE MOUNT LEVER TYPE HANDLE

OPTION #3:

MORTISE LOCK SET, WITH KEY OPERATED LEVER HANDLE ON EXTERIOR
#5411-IHD AT 38" TO 40-3/8" FROM BOTTOM TO CL OF LOCK AND
TWO POINT CONCEALED ROD SYSTEM, THUMB TURN KEY OPERATED ON
INTERIOR # 52XXV-IHD AT 52-3/4" FROM BOTTOM TO CL OF LOCK FACE.

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE
ENGAGED DURING PERIODS OF HURRICANE WARNING.

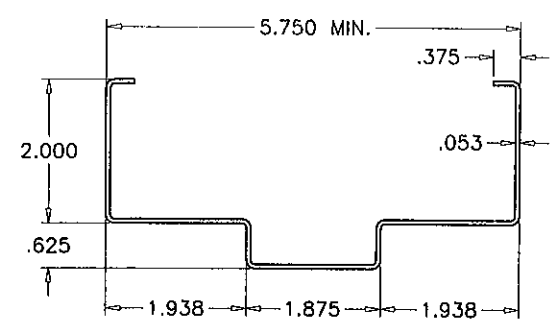
ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	FRAME HEAD/JAMB	STEEL	16 GA. (.058") MIN. Fy = 41,000 PSI
2	-	AS REQD.	FRAME MULLION (OPTION)	STEEL	16 GA. (.058")
3	-	-	DOOR	STEEL	14 GA. (.067")
4	-	-	FRAME GROUT	CONC.	3000 PSI MIN.
5	-	AS REQD.	BOLT SPACER	STEEL	2" X 2 5/8" X 18 GA.
6	-	10/ DOOR	HAT STIFFENER IN PAIRS (5 ROWS VERTICAL)	STEEL	16 GA.
8	-	1	POLYSTYRENE CORE	-	'DYPLAST PRODUCTS LLC' W/ CURRENT NOA
9	2051AV	1	THRESHOLD	ALUMINUM	PEMCO
10	65A	1	THRESHOLD	ALUMINUM	ZERO INTERNATIONAL
11	-	1	LOCK REINFORCEMENT	STEEL	1 1/8" X 3 1/8" X 12 GA., ASTM A36
12	-	1/ MULLION	REINFORCING CHANNEL, FULL LENGTH	STEEL	1 3/4" X 5" X 1 3/4" X 12 GA.
13	-	1/ RAIL	TOP AND BOTTOM RAIL CHANNEL	STEEL	15/16 X 1-11/16 X 15/16 X 14 GA.
14	-	1/ RAIL	TOP AND BOTTOM RAIL CHANNEL	STEEL	5/8 X 1-1/2 X 5/8 X 14 GA.
15	-	3	HINGE REINFORCEMENT (FRAME/DOOR)	STEEL	1 1/4" X 10" X 3/16"
16	-	1	STRIKE REINFORCEMENT	STEEL	6-3/4" X 1-1/4" X 16 GA.
19	-	2/ DOOR	REINFORCING CHANNEL, FULL LENGTH	STEEL	1/2 X 1-5/8 X 7/8 X 12 GA.
23	188	1	HEAD/JAMB WEATHERSTRIP	VINYL	ZERO INTERNATIONAL
24	119WB	AS REQD.	HEAD W'STRIPPING	SPRING BRONZE	SELF ADHESIVE, ZERO
25	328R	1/ DOOR	DOOR SWEEP	-	-
26	142A	1	WATER SHADE	ALUMINUM	ZERO INTERNATIONAL
27	39A	1	SILL PROTECTION	NEOPRENE	-
28	870	-	HEAD/JAMB W'STRIPPING	-	-
30	Z955	3/ DOOR	CAM LIFT HINGES	ST. STEEL	ZERO INTERNATIONAL
31	1279	3/ DOOR	MORTISE HINGES	ST. STEEL	HAGER

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Approval No. 12-0327-05
Expiration Date 6/15/15
By: Isling T. Chana
Miami Back Product Control

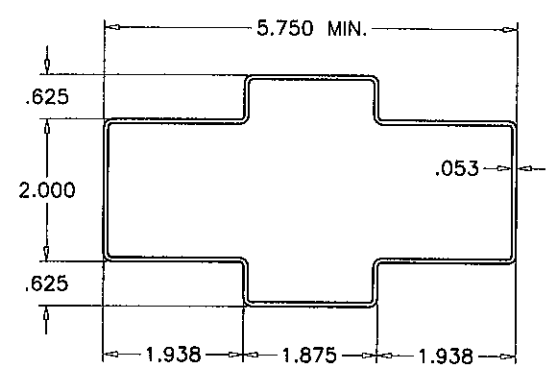
Engr: JAVAD AHMAD
CIVIL
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MAR 22 2012

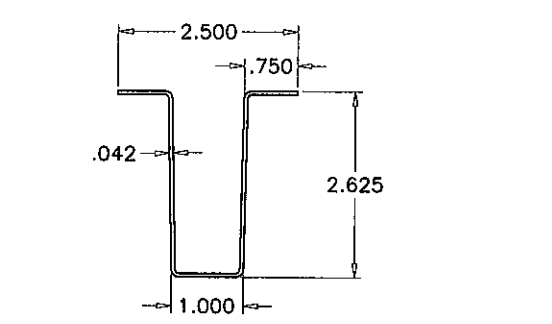
afC	
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL (305) 264-8100 FAX (305) 262-6978	
FIREDOOR SERIES-8080F-HR OUT-SWING STL ENT. DR.	
BLACK MOUNTAIN DOOR, LLC. 310 FLINT DRIVE MT. STERLING, KY 40353 TEL. (855) 370-4580 FAX. (859) 762-0852	
revisions:	no date by description
F	10.20.09 LOCK & HINGE LOCATIONS REV.
G	02.17.10 REV. PER BOCC COMMENTS
H	05.19.10 REV. PER BOCC COMMENTS
I	03.15.12 UPDATED TO 2010 FBC
date:	04-05-04
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dr. by:	HAMID
chk. by:	
drawing no.	W04-31
sheet	4 of 5



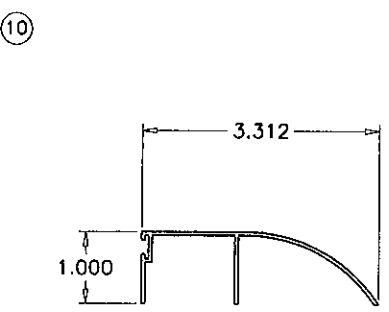
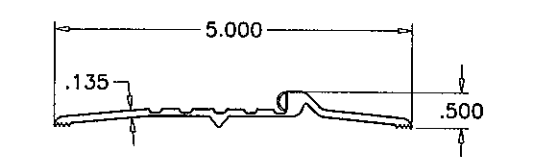
① FRAME HEAD/JAMB



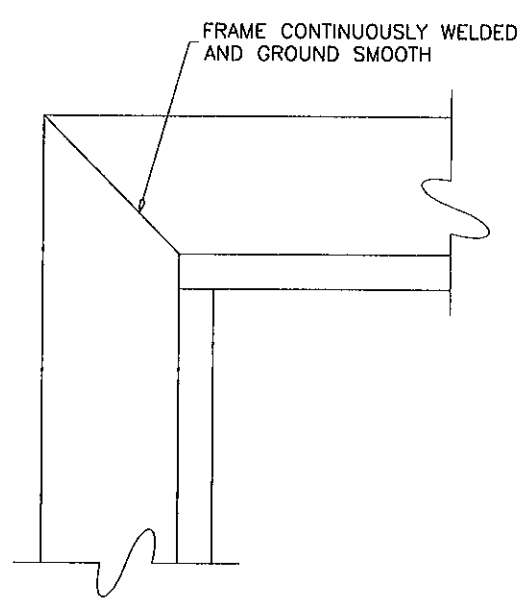
② FRAME MULLION



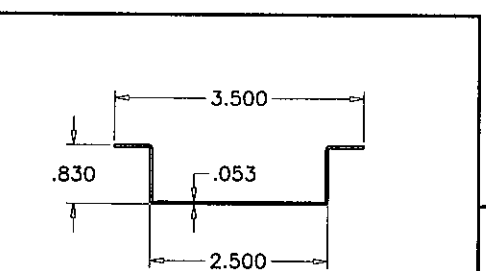
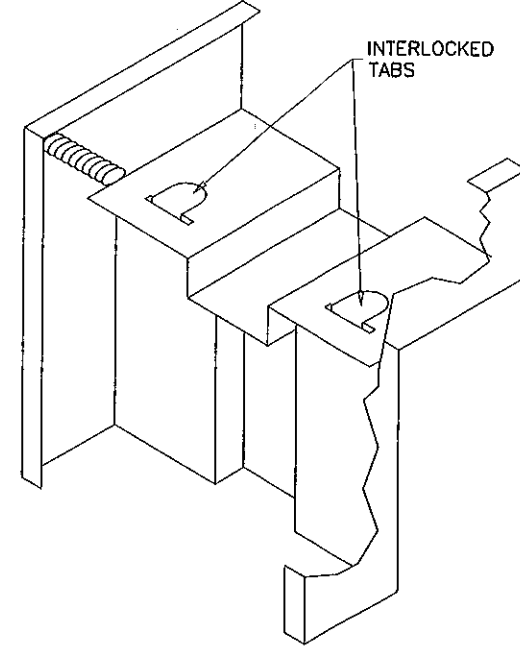
⑤ ANCHOR SPACER



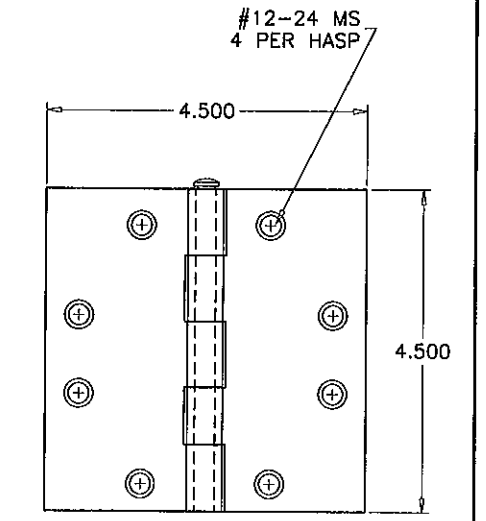
⑨ BUMPER THRESHOLD



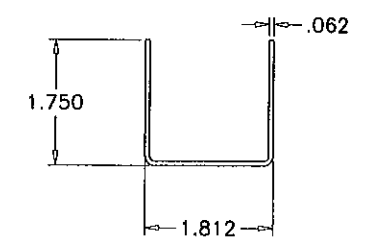
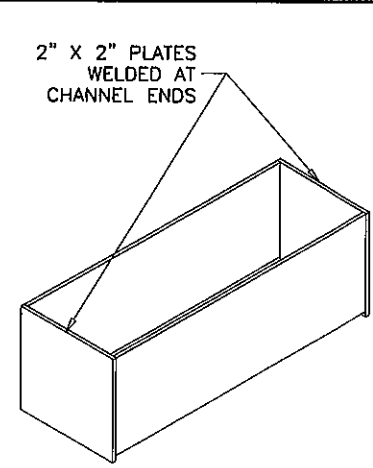
FRAME CORNERS



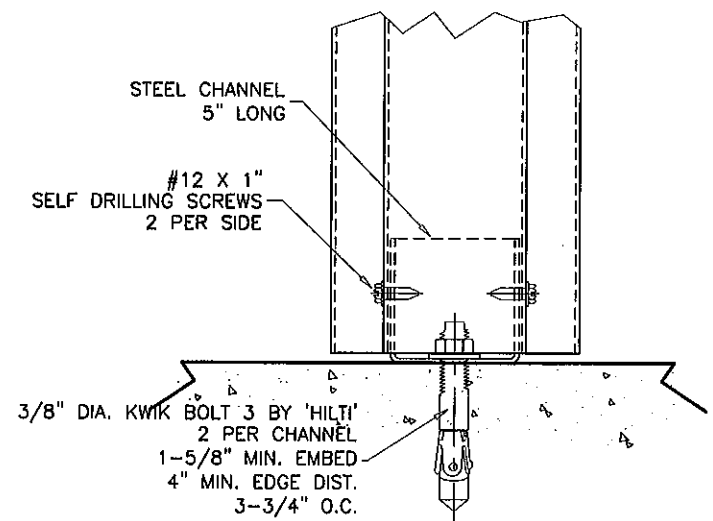
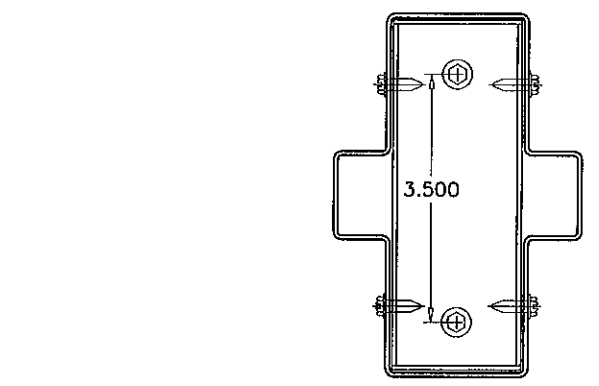
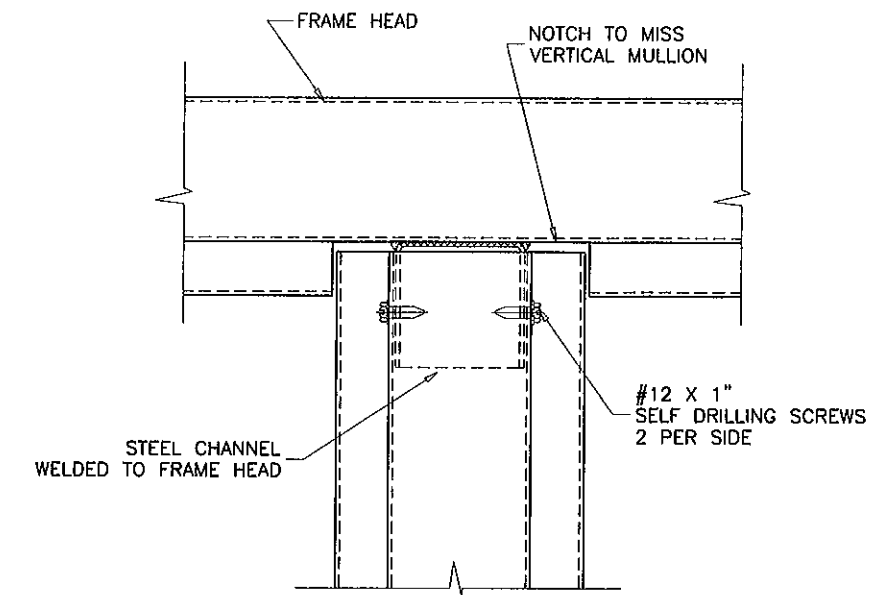
⑥ HAT CHANNEL REINFORCING



1/4" THICK STEEL HINGE



VERT. MULLION INSTALLATION CHANNEL



VERTICAL MULLION CONNECTION

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 12-0373-05
Expiration Date: JUNE 15, 2015
By: Javad Ahmad
Miami Door Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
MAR 22 2012

AL-FAROQQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-31FDC

FIREDOOR SERIES-8080F-HR OUT-SWING STL. ENT. DR.

BLACK MOUNTAIN DOOR, LLC.
310 FLINT DRIVE
MT. STERLING, KY 40353
TEL. (855) 370-4580 FAX. (859) 762-0852

no	date	by	description
F	10.20.09		NO CHANGE THIS SHEET
G	02.17.10		REV. PER BCCO COMMENTS
H	05.19.10		REV. PER BCCO COMMENTS
I	03.15.12		UPDATED TO 2010 FBC

date: 04-05-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-31
sheet 5 of 5